

Title (en)
WIRELESS POWER RECEIVER

Title (de)
DRAHTLOSER LEISTUNGSEMPFÄNGER

Title (fr)
RÉCEPTEUR DE PUISSANCE SANS FIL

Publication
EP 3449549 B1 20210428 (EN)

Application
EP 17803115 A 20170526

Priority
• KR 20160065633 A 20160527
• KR 2017005546 W 20170526

Abstract (en)
[origin: WO2017204597A1] An electronic device is provided that includes a housing and a power receiver disposed within the housing. The power receiver includes a conductive pattern for receiving power wirelessly. The conductive pattern includes a main coil having a plurality of turns, a first sub-coil formed at an input port of the main coil, and a second sub-coil formed at an output port of the main coil. The electronic device also includes a controller configured to control to receive power using the conductive pattern.

IPC 8 full level
H02J 50/70 (2016.01); **G01R 29/08** (2006.01); **H01F 27/28** (2006.01); **H01F 38/14** (2006.01); **H02J 7/02** (2016.01); **H02J 50/12** (2016.01)

CPC (source: EP KR US)
G01R 29/08 (2013.01 - KR); **H01F 27/2804** (2013.01 - EP KR US); **H01F 27/289** (2013.01 - KR); **H01F 38/14** (2013.01 - EP KR US); **H02J 50/005** (2020.01 - EP KR US); **H02J 50/12** (2016.02 - EP KR US); **H02J 50/70** (2016.02 - KR)

Designated contracting state (EPC)
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DOCDB simple family (publication)
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